



CutWorks®

for Apparel, Composites, Industrial Fabrics,
Furniture, and Leather.

CutWorks software offers a complete design, nesting and cutting solution for flexible materials. It is the brains behind the GERBERcutter®.

With CutWorks you can import and export files using multiple formats, process data quickly, and optimize cut paths for more efficient throughput times.

CutWorks offers several powerful nesting packages including manual nesting and multiple automatic nesting modules to improve material utilization and nesting speeds. It also delivers unparalleled matching of plaid and stripe fabrics.

With additional seats (licenses) of CutWorks you can prepare and optimize cut files off-line, freeing your cutting system to achieve maximum productivity.

When purchasing a cutter, Gerber has designed a number of packages for distinct industries and applications: ApparelPack, CompositePack, FurniturePack, LeatherPack, IndustrialPack, and TargetVisionPack. These packages are comprised of the various modules below and allow customers to fully utilize CutWorks for their specific cutting needs.



Improve cutting precision, maximize material utilization, and optimize throughput of your GERBERcutter.

Base Module: gets you up and running with the basics.

- Base module is required for all CutWorks seats and single-ply cutters.
- Open/save/append files in many different formats.
- CSV file import of work orders and simple pieces.
- File wizards - process jobs in batches, create rules to convert files from one format to another or move files automatically.
- Process wizards - automate steps (mouse clicks) to accelerate jobs.
- Edit geometry: scale pieces within a nest; remove extra points for better cut quality; combine lines within a piece for faster cutting.
- Define and edit layers and assign separate cutting and/or annotation tools to each.
- Barcode functionality enables users to input data using a scanner ensuring the accuracy of information, minimizing errors and improving productivity.

ToolPath: optimizes cutting times.

- Manually or automatically string together individual lines to form longer, continuous lines for more accurate, faster cutting.
- Change the sequence in which parts are cut.
- Change start points and cut direction.
- Remove common lines to improve cutting speeds.
- Preview how a job is programmed to cut before cutting begins.

Nesting: maximize material utilization with CutWorks' nesting tools.

- Drag and drop parts.
- Rotate and flip parts.
- Detect overlapped parts.
- Cut, copy and paste parts to fill a nest.
- Anchor parts in place to prevent single pieces from being moved.
- Snap to grid - automatically move parts containing match points to the nearest intersection of the fabric repeat gridlines.
- Supports piece-to-fabric and piece-to-piece matching.
- Nest parts on the cutter for real-time repeat variations or bow/skew adjustments (with optional projector)
- Multiple automatic nesting engines (depending on application)

CutWorks

Cutworks – Modules for Enhanced Productivity

Administrator

The Administrator module provides a tool to organize and track production data across multiple cutting machines.

It contains a database that provides information to management, such as average yields, material used, and throughput.

- Track production data of the machines in a facility, machine operators, materials and parts processed, and jobs that are cut.
- Create, schedule and monitor all work-in-process.
- Generate customizable reports
- Administrator enables several computers equipped with CutWorks software to access one database via a network.

CutWorks Designer

CutWorks Designer module allows for a seamless transfer of new or edited parts between the CutWorks designer Module and Base Module.

- Built on AutoDesk's AutoCAD OEM platform
- Create, digitize, and edit parts
- Transfer parts from Base Module to CutWorks Designer for editing
- Supports notch entities and match lines

Integrates with a Numonics digitizer (or other WINTAB digitizers)

CheckPoint Features (part of Base Module)

CheckPoint controls the access to and appearance of the software for an individual user. It gives access to only the commands needed. It also automatically stores and displays the user's preferences upon sign on.

AutoNest Plain & AutoNest Match

The AutoNest Plain and AutoNest Match Modules offers automatic nesting of a marker using operator-selected options. Nest by a specified time period, number of iterations, large parts first, match points first and so on. Typically, the AutoNest Plain Module is best used for jobs that include large, complex parts and AutoNest Match is for matched parts. AutoNest Plain is a prerequisite for AutoNest Match

- Block Nest - nest sectional markers
- Keeps pieces in the correct section of the marker to maintain consistency in shade variations
- Keeps pieces close together to accelerate bundling or kitting
- Nest Remaining - nest all parts needed to complete a marker
- Renest Current - nest only parts currently placed in the active marker
- Renest All - nest all parts in the appropriate quantities
- Nest single or multiple fixed-length sheets
- Nest one job on multiple materials
- Nest piece to fabric and piece to piece match applications

AutoNestPro

The AutoNestPro Module automatically nests a marker using operator-selected options. Nest by shape type, search size, number of rotations, rotation bias and area bias. The AutoNestPro Module is best used for jobs that include non-matched parts or complex, small to medium parts.

- Nest Remaining - nest all parts needed to complete a marker
- Renest Current - nest only parts currently placed in the active marker
- Renest All - nest all parts in the appropriate quantities
- Nest single or multiple fixed-length sheets
- Nest one job on multiple materials (sheets)

Recommended System Requirements

2.0 GHz Pentium 4 or Core 2 Duo
1 GB RAM
USB port for software security key
CD-ROM for software installation
Windows XP with Service Pack 2 or
Windows 2000 with Service Pack 4

NOTE: Configurations vary according to options selected. Specifications are subject to change without notice.

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